vtech®

User's manual VM333/VM333-2/VM303

Safe & Sound™ Pan & Tilt Full Color Video monitor

Congratulations

on purchasing your new VTech product. Before using this product, please read **Important safety instructions** below.

For support, shopping, and everything new at VTech, visit our website at **www.vtechphones.com**.

Register online to get an additional 3-month warranty!

Visit www.vtechphones.com.

Registration
Register your product online for enhanced warranty support.

Product news
Learn about the latest VTech products.

Important safety instructions

When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Follow all warnings and instructions marked on the product.
2. Adult setup is required.
3. This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
4. This product is not intended for use as a medical monitor.
5. Do not use this product near water. For example, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
6. **CAUTION**: Use only the batteries indicated in this manual. There may be a risk of explosion if a wrong type of battery is used for the parent unit. Use only the supplied rechargeable battery or replacement battery pack (BT298555) for the parent unit. Do not dispose of batteries in a fire. They may explode. Dispose of used battery according to the information in **The RBRC® seal**.
7. Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product. Baby unit power adapter: Input 100-240V AC 50/60 Hz; output: 6V DC 1A Parent unit power adapter: Input 100-120V AC 50/60 Hz; output: 6V DC 800 mA.
8. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
9. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
10. Unplug the power cords before replacing batteries.
11. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.
12. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
13. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
14. Do not overload wall outlets or use an extension cord.
15. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
16. This product should not be placed in any area where proper ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register.
17. Never push objects of any kind into this product through the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
18. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
19. You should test the sound reception every time you turn on the units or move one of the components.
20. Periodically examine all components for damage.
21. Be aware of possible loss of privacy while using public airwaves. Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.
22. Children should be supervised to ensure that they do not play with the product.
23. The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

SAVE THESE INSTRUCTIONS

Cautions

1. Use and store the product at a temperature between 32°F and 104°F.
2. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
3. Batteries should not be exposed to excessive heat such as bright sunshine or fire.
4. Make sure the baby unit(s) and the adapter cord(s) are always out of reach of the baby, at least 3 feet away from the baby or crib, to avoid a possible strangulation hazard.
5. Never place the baby unit(s) inside the baby's crib or playpen. Never cover the baby unit(s) or parent unit with anything such as a towel or a blanket.
6. Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless devices):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless devices.

Electromagnetic fields (EMF)

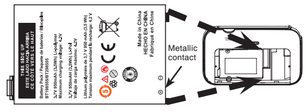
This VTech product complies with all standards regarding electromagnetic fields (EMF).
If handled properly and according to the instructions in this user's manual, the product is safe to be used based on scientific evidence available today.

Install the battery

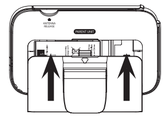
You can power up the parent unit by connecting it to AC power or to the rechargeable battery provided. Even if the parent unit is connected to AC power, we recommend you also install the battery. This guarantees continual operation in case of a power outage.

Install the battery as shown below.

1. With the label **THIS SIDE UP** facing up, insert the small tabs of the battery into the slots inside the battery compartment. Make sure the metallic contact is correctly oriented as shown below. Push the battery into the battery compartment until it clicks securely into place.



2. Align the battery compartment cover flat against the battery compartment, then slide it towards the center of the parent unit until it clicks into place.



Replace the battery

To replace the battery, press down on the large tab of the battery and pull it out of the battery compartment, then follow the steps above to install the battery.

note

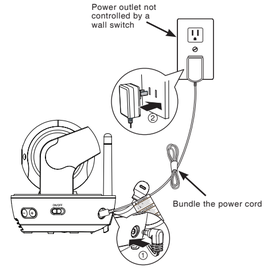
- The operating time for using the rechargeable battery is short. If you want to monitor your baby for a long time, we recommend you connect the parent unit to AC power.
- If the parent unit will not be used for a long time, disconnect and remove the battery to prevent possible leakage.
- Use only the battery supplied with this product.

Connect and charge the battery

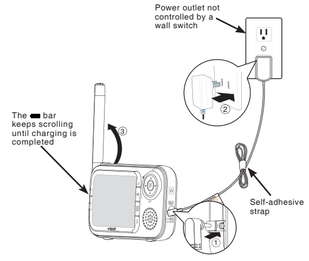
note

- Use only the parent unit power adapter or the baby unit power adapter supplied with this product.
- The parent unit power adapter and baby unit power adapter are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
- Make sure the parent unit, the baby unit and the power adapter cord are out of reach of children.

Connect the baby unit



Connect the parent unit



Charge the parent unit battery

Once you have installed the parent unit and its battery, press and hold ⏻ to turn it on. The battery icon indicates the battery status (see the table below). The parent unit battery is fully charged after 12 hours of continuous charging. The standby time varies depending on the sensitivity level you set, your actual use and the age of the battery.

When the parent unit is operating in battery mode and the battery is low, you need to charge the parent unit without interruption for at least 30 minutes to give the parent unit enough charge to use for a short time. When operating in low battery condition, the parent unit displays Battery low and ▭. The parent unit plays short beeps to alert you.

The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The battery icon is off and ⎓ displays.	No battery is installed but operates using AC power, or the battery has been installed incorrectly.	Install the parent unit battery. Charge without interruption (at least 30 minutes).
The screen displays **Battery low** and ▭. The ▬ light flashes.	The battery has very little charge and may be used for only a short time.	Charge without interruption (about 30 minutes).
The battery icon becomes solid ▬.	The battery is fully charged.	To keep the battery charged, connect it to AC power when not in use.

note When you charge the battery initially or it is not used for a long period of time, charge it for 12 hours continuously. It takes longer to charge the battery when the parent unit is turned on. To shorten the charging time, turn the parent unit off while charging.

Before use

You may test the baby monitor before initial use, and at regular times thereafter.

To test your baby monitor:

1. Place the parent unit and the baby unit in the same room to test the product.
2. Press and hold ⏻ on the parent unit the screen displays **Please Wait...**.
3. Slide **ON/OFF** on the baby unit to turn it on.
4. If the parent unit displays an image from the baby unit. Your baby monitor is now ready for use.

note

- Make sure the baby unit is at least 3 feet away from the parent unit.
- If both units are not connected, the parent unit displays No Link for a few seconds. Then it displays Please Wait... and ⍑ flashes.

Positioning the baby monitor

Place the parent unit within the operating range of the baby unit. We recommend the parent unit is at least 3 feet away from the baby unit to avoid audio feedback. If you still experience audio feedback, move the parent unit and the baby unit farther apart.

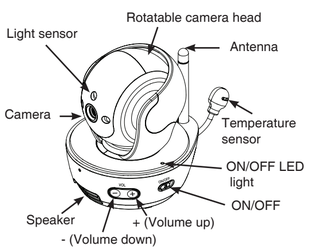
note For better image quality, do not place the baby unit too far away from your baby.

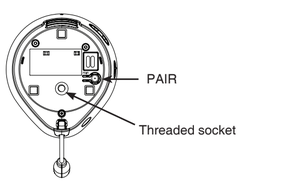
Operating range

The operating range of the baby monitor is up to 1,000 feet outdoors or 150 feet indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

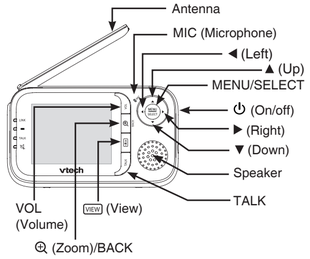
Overview

Baby unit overview





Parent unit overview



Parent unit lights

LINK	On when strong signal strength is detected between the parent unit and the selected baby unit. Flashes when the parent unit cannot link to the selected baby unit. Off when the parent unit is turned off.
▭	On when the parent unit battery is being charged. Flashes when the parent unit battery is low and needs charging. Off when the parent unit battery is fully charged, or when no battery is installed.
TALK	On when the parent unit is talking to the baby unit.
🔇	On when the speaker volume of the parent unit is turned off.

Parent unit display icons

📶	Connection status - 📶 displays when strong signal strength is detected between the baby unit and the parent unit. - 📶 or 📶 displays when moderate signal strength is detected between the baby unit and the parent unit. - 📶 displays when the link between the baby unit and the parent unit is lost.
1 or 2 or 3 or 4	Current view status - Displays the number of the baby unit that is being viewed when in Single Baby unit. - Displays the highlighted baby unit when in Patrol Mode.
🔍	Zoom - Displays when the camera at the baby unit has zoomed in.
🌡	Temperature alert - Displays when the temperature alert is set to on.
57°F	Real-time temperature - Displays the real-time temperature of the selected baby unit.
▮▮▮▮▮ or 🔈 or 🔊	Sound level indicators - Displays the sound level according to the scales of loudness when there is sound transmitted from the baby unit. Speaker volume - Displays the speaker volume of the parent unit is turned off. Speaker volume - Displays the speaker volume level while adjusting.
▭	Battery status - ▭ animates when the battery is charging. - ▬ displays solid when the battery is fully charged. - ▭ displays when the battery is low and needs charging. - ⎓ displays when no battery is installed but operates using AC power, or the battery has been installed incorrectly.

Parent unit main menu icons

🖼	Monitoring mode You can choose to monitor in Single Baby unit, Split Baby unit or Patrol Mode if there are more than one baby units in your system.
🌐	Language You can select a language (English, French or Spanish) to be used in all screen displays.
🖥	Display - You can change the brightness of the parent unit screen. - You can change the contrast of the parent unit screen.
🔔	Alert tone - You can set whether the parent unit beeps whenever the parent unit operates in low battery condition. - You can set whether the parent unit beeps whenever the link between the parent unit and the baby unit is lost. - You may turn on the sound alert so that the parent unit beeps as soon as the baby unit detects sounds which light up four sound level indicators on the parent unit when the parent unit volume is turned off manually.
🌡	Temperature - You can set the desired minimum room temperature of the baby unit. - You can set the desired maximum room temperature of the baby unit. - You can set whether the parent unit beeps whenever the temperature is out of the preset temperature range. -You can set the temperature scale of the baby unit.
🔉	Sensitivity - You can use the parent unit to change the sound sensitivity level of the baby units.
🔔	Sound activation - You can set the screen to be turned on automatically whenever there are sounds detected from the baby units when the parent unit screen is turned off manually.
📳	Vibration - You may turn on the vibration alert so that the parent unit vibrates as soon as the baby unit detects sounds which light up three sound level indicators on the parent unit.
🔗	Pair/unpair - The baby units and parent unit provided are already paired. You can add or replace baby units (**VM303**, purchased separately) to your baby monitor system.

Parent unit display messages

⚠ **Battery low**	When the parent unit is powered by the rechargeable battery and the battery level is low, it needs to be recharged.
⚠ **Failed to connect**	The parent unit fails to switch to the next baby unit in Single Baby unit or Patrol Mode.
⚠ **No Link**	The selected baby unit slot is not linked to the parent unit.
⚠ **Pairing failed**	The selected baby unit cannot be paired with the parent unit.
? **Confirm to unpair?**	You try to unpair the baby unit(s). The operation needs your confirmation.
✓ **Pairing completed**	The selected baby unit has been paired with the parent unit.
✓ **Unpairing completed**	The selected baby unit(s) has been unpaired with the parent unit.
Please Wait...	The link between the parent unit and the selected baby unit is lost, or the selected baby unit is out of range, or the selected baby unit slot is empty. When you have only one paired baby unit and the link is lost, or you have multiple paired baby units and the links are lost.
Temperature too low	The temperature detected from the selected baby unit is below the set minimum temperature.
Temperature too high	The temperature detected from the selected baby unit is above the set maximum temperature.

Using the baby monitor

Adjusting speaker volume for parent unit

You can change the speaker volume from **Volume 1** to **Volume 5**, or turn it off.

When the speaker volume is set to off, 🔈 appears briefly and the 🔇 light turns on.

To adjust the speaker volume:

1. Press **VOL** when the parent unit is not in use.
2. Press ▲, ▼, ◀ or ▶ to adjust the speaker volume.

Adjusting speaker volume for baby unit

You can change the speaker volume.

To adjust the speaker volume:

Press **+** or **–** on the baby unit at any time.

Adjusting display

LCD brightness

You can change the brightness of the parent unit screen from **Level 1** to **Level 5**.

To set the brightness of the parent unit screen:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **DISPLAY**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Brightness**.
4. Press ◀ or ▶ to choose the desired level of brightness, then press **MENU/SELECT** to confirm your selection.

LCD contrast

You can change the contrast of the parent unit screen from **Level 1** to **Level 5**.

To set the contrast of the parent unit screen:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **DISPLAY**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Contrast**.
4. Press ◀ or ▶ to choose the desired level of contrast, then press **MENU/SELECT** to confirm your selection.

Setting the language

You can select a language (English, French or Spanish) to be used in all screen displays.

To change the language:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **LANGUAGE** (**Langue** if French is set, or **Idioma** if Spanish is set).
3. Press ◀ or ▶ to choose **English**, **Français** or **Español**.

Monitoring mode

You can choose to monitor in **Single Baby unit**, **Split Baby unit** or **Patrol Mode** if there are more than one baby units in your system.

To change the monitoring mode:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **MONITORING MODE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Single Baby unit**, **Split Baby unit** or **Patrol Mode**.
   - **Single Baby unit** - Press ▼ or ▲ to choose a desired baby unit. The parent unit only displays image of one baby unit. You may change to view images from different baby units by pressing VIEW in this mode.
   - **Split Baby unit** - The parent unit displays multiple baby unit images in a maximum of four in one screen. If there are more than four baby units in your system, images will be shown on two split screens, which alternates with each other automatically.
   - **Patrol Mode** - The parent unit patrols to display images from different baby units in every 7 seconds. You may change to view images from different baby units even though the scanning period is not expired by pressing VIEW in this mode.
4. Press **MENU/SELECT** to confirm your selection.

note Monitoring mode is not applicable when there is only one baby unit.

View

You can change the screen to view images from different baby units.

To view different baby units while in Single Baby unit:
Press VIEW repeatedly to switch to the desired baby unit. The switching is in chronological order: **Baby unit 1** to **Baby unit 4**.

To view different baby units while in Split Baby unit:
Press VIEW repeatedly to enlarge and switch to the desired baby unit. The switching is in chronological order: **Baby unit 1** to **Baby unit 4**. The **Split Baby unit** mode resumes after a while.

To view different baby units while in Patrol mode:
Press VIEW repeatedly to switch to the desired baby unit even if the scanning period on a particular baby unit is not expired. The switching is in chronological order: **Baby unit 1** to **Baby unit 4**.

note If the switching fails, the screen displays **Failed to connect**. Try the switching again.

Zoom

You can zoom in or out while viewing image from baby unit in Single Baby unit and Patrol mode.

To zoom in or out:
Press 🔍 to zoom in. Press ▲, ▼, ◀ or ▶ to move the zoomed image upward, downward, leftward or rightward correspondingly. Press 🔍 again to zoom out.

note In Split Baby unit, 🔍 is not available.

Talk to the baby unit

You can broadcast messages from the parent unit to any one of the baby units.

To talk to the baby unit:
Press and hold **TALK** when the parent unit is in **Single Baby unit** or viewing particular baby unit in **Patrol Mode**. Speak towards the **MIC** (microphone) on the parent unit. The **TALK** light is on when the voice connection to the baby unit is made. Your voice is broadcast to the baby unit. Release the key to stop the broadcast.

note The **TALK** feature does not work in Split Baby unit.

Night vision

To help you monitor your baby even at night, the baby unit automatically uses the light from its infrared LEDs for transmitting images to the parent unit when it is turned on in a dark room. However, it only transmits black-and-white images.

Set the alert tone

Low battery tone alert

You can set whether the parent unit beeps whenever the parent unit operates in low battery condition.

To set the low battery tone alert:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **ALERT TONE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ choose **Low Battery Tone**.
4. Press ◀ or ▶ to choose **On** or **Off**, then press **MENU/SELECT** to confirm your selection.

No link alert

You can set whether the parent unit beeps whenever the link between the parent unit and the baby unit is lost.

To set the no link alert of the parent unit:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **ALERT TONE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **No Link Alert**.
4. Press ◀ or ▶ to choose **On** or **Off**, then press **MENU/SELECT** to confirm your selection.

Sound Alert

When the parent unit volume is turned off manually, you may turn on the sound alert so that the parent unit beeps as soon as the baby unit detects sounds which light up four sound level indicators on the parent unit.

To set the sound alert of the baby unit:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **ALERT TONE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Sound Alert**.
4. Press ◀ or ▶ to choose **On** or **Off**, then press **MENU/SELECT** to confirm your selection.

Monitor the temperature

Minimum temperature

You can set the desired minimum room temperature of the baby unit. The minimum temperature can be set between **52 °F (11 °C)** and **69 °F (20 °C)**.

To set the minimum temperature of the baby unit:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **TEMPERATURE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Minimum**, then press **MENU/SELECT** to select.
4. Press ▼ or ▲ to choose a desired baby unit or all baby units.
5. Press ◀ or ▶ to choose the desired temperature, then press **MENU/SELECT** to confirm your selection.

Maximum temperature

You can set the desired maximum room temperature of the baby unit. The maximum temperature can be set between **70 °F (21 °C)** and **86 °F (30 °C)**.

To set the maximum temperature of the baby unit:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **TEMPERATURE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Maximum**, then press **MENU/SELECT** to select.
4. Press ▼ or ▲ to choose a desired baby unit or all baby units.
5. Press ◀ or ▶ to choose the desired temperature, then press **MENU/SELECT** to confirm your selection.

Temperature alert

You can set whether the parent unit beeps whenever the temperature is out of the preset temperature range.

To set the temperature alert of the baby unit:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **TEMPERATURE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Alert**, then press **MENU/SELECT** to select.
4. Press ▼ or ▲ to choose a desired baby unit or all baby units.
5. Press ◀ or ▶ to choose **On** or **Off**, then press **MENU/SELECT** to confirm your selection.

Temperature format

You can set the temperature scale of the baby unit.

To change the temperature scale:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **TEMPERATURE**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Format**.
4. Press ◀ or ▶ to choose **°F** or **°C**, then press **MENU/SELECT** to confirm your selection.

Adjust the sound sensitivity

You can use the parent unit to change the sound sensitivity level of the baby units from **Level 1** to **Level 5**. The higher the sound sensitivity level is set, the more sensitive the baby unit is in detecting sounds for transmitting to the parent unit.

If you want the baby unit to be very sensitive in detecting sounds, you may set the sensitivity level to **Level 5**, so that the baby unit will always detect any sounds including background noises for transmitting to the parent unit. If you want the baby unit to be less sensitive in detecting sounds, you may set the sensitivity level to a lower level (**Level 1** to **Level 4**), so that the baby unit will transmit sounds to the parent unit only when your baby is very noisy or crying loudly.

To set the sound sensitivity level of the baby unit:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **SENSITIVITY**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose a desired baby unit or all baby units.
4. Press ◀ or ▶ to choose the desired sensitivity level, then press **MENU/SELECT** to confirm your selection.

Sound Activation

When the parent unit screen is turned off manually, you can set the screen to be turned on automatically whenever there are sounds detected from the baby units. The parent unit screen will turn off automatically when no sounds are detected from the baby units within 50 seconds.

To turn the sound activation on or off:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **SOUND ACTIVATION**.
3. Press ◀ or ▶ to choose **On** or **Off**.

note If you set the sensitivity level to **Level 5**, the baby unit will be very sensitive and detect any sounds including background noises. These background noises may disrupt the silence and prevent the sound activation feature to work properly.

Vibration

You may turn on the vibration alert so that the parent unit vibrates as soon as the baby unit detects sounds which light up three sound level indicators on the parent unit.

To change the vibration setting:
1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼ or ▲ to choose **VIBRATION**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **On if speaker is off**, **Always on** or **Off**.
   - **On if speaker is off** - The parent unit vibrates once whenever the baby units detect sounds which light up three sound level indicators while the speaker of the parent unit is turned off.
   - **Always on** - The parent unit vibrates once whenever the baby units detect sounds which light up three sound level indicators.
   - **Off** - The parent unit will not vibrate even if the baby units detect sounds.
4. Press **MENU/SELECT** to confirm your selection.

note If you set the sensitivity level to **Level 5**, the baby unit will be very sensitive and detect any sounds including background noises. These background noises may disrupt the silence and prevent the vibration feature to work properly.

Pair and unpair the baby unit

Pair new baby unit

The baby units and parent unit provided are already paired. You can add or replace baby units (**VM303**, purchased separately) to your baby monitor system.

You can pair a maximum of four baby units to your parent unit. Each new baby unit must be paired to the parent unit before use.

Make sure you power on the baby unit and the parent unit before pairing.

To pair a baby unit:
1. On the idle parent unit, press **MENU/SELECT**.
2. Press ▼ or ▲ to choose **PAIR/UNPAIR**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Pair Baby unit**, then press **MENU/SELECT** to select.
4. Press ▼ or ▲ to choose a desired baby unit slot, then press **MENU/SELECT**.
5. Make sure the new baby unit is turned on. On the new baby unit, immediately press and hold **PAIR** when the parent unit screen displays **Press and hold PAIR on Baby Unit to start Pairing**. Parent unit screen displays **Pairing...Please Wait...** and emits beep sound every two seconds. The LED light on the new baby unit flashes quickly.
6. When pairing is successful, the screen displays **Pairing completed**. You hear a confirmation tone. **The LED light on the new** baby unit turns green. The parent unit returns to the previous menu.

note
- If pairing fails, the screen displays **Pairing failed**. Try the pairing process again.
- During registration, you may press 🔍 to cancel the registration when parent unit screen displays **Pairing... Please Wait...**.
- Only one baby unit can be paired at a time.

Unpair baby unit

Make sure you power on the baby unit and the parent unit before unpairing the baby unit.

To unpair a baby unit:
1. On the idle parent unit, press **MENU/SELECT**.
2. Press ▼ or ▲ to choose **PAIR/UNPAIR**, then press **MENU/SELECT** to select.
3. Press ▼ or ▲ to choose **Unpair Baby unit**, then press **MENU/SELECT** to select.
4. Press ▼ or ▲ to choose a desired baby unit or all baby units, then press **MENU/SELECT**.
5. When the screen displays **Confirm to unpair?**, press **MENU/SELECT**.
6. When unpairing is successful, the screen displays **Unpairing completed**. The LED light on the selected baby unit flashes slowly. Then, the parent unit returns to the previous menu.

Energy-saving charging mode

Follow the instructions to install and charge the battery. The energy-saving charging mode is activated while charging.

Even if the parent unit is paired to baby units, the energy-saving charging mode is activated while it is powered off and charging.

General product care

To keep this product working well and looking good, follow these guidelines:

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft cloth.
- DO NOT immerse the parent unit and the baby unit in water and do not clean them under the tap.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit and parent unit are dry before you connect them to the mains again.

Storage

When you are not going to use the baby monitor for some time, remove the rechargeable battery from the parent unit. Store the parent unit, the baby unit and the adapters in a cool and dry place.

Frequently asked questions

Below are the questions most frequently asked about the baby monitor. If you cannot find the answer to your question, contact customer service by visiting our website at **www.vtechphones.com** or calling **1 (800) 595-9511**.

Why does the baby monitor not respond normally?	Try the following (in the order listed) for common sure: 1. Disconnect the power to the baby units and the parent unit. 2. Remove the batteries in the parent unit. Then install the batteries again. 3. Wait a few minutes before connecting power back to the baby units and the parent unit. 4. Turn on the baby units and the parent unit. 5. Wait for the parent unit to synchronize with the baby units. Allow up to one minute for this to take place.
Why don't the power-on light of the baby unit and parent unit go on when I switch on the units?	Perhaps the rechargeable battery of the parent unit is empty and the parent unit is not connected to the mains. Insert the appliance plug into the parent unit and put the adapter in a wall socket. Then press ⏻ to switch on the parent unit and to establish connection with the baby unit.
	Perhaps the baby unit is not connected to the mains. Connect the baby unit to the mains. Then set **ON/OFF** switch to **ON** to switch on the baby unit and to establish connection with the parent unit.
Why does the baby monitor produce a high-pitched noise?	The units may be too close to each other. Make sure the parent unit and the baby unit at least 1 metre/3 feet away from each other.
Why does the parent unit react too quickly to other sounds?	The baby unit also picks up other sounds than those of your baby. Adjust the sensitivity level to a lower level or adjust the speaker volume on the parent unit.
Why don't I hear a sound/Why can't I hear my baby cry?	You may have set the sensitivity level to a very low level. If you do so, the baby unit will not detect sounds that is too soft or light. You may need to adjust the sensitivity level to a higher level.
Why does the parent unit beep?	The baby units may be out of range. Move the parent unit closer to the baby units (but not less than 3 feet).
	If the parent unit is powered by the provided battery, it may not have enough charge for the parent unit to perform normally. Charge the battery in the parent unit for up to 12 hours.
Why can't I establish a connection? Why is the connection lost every now and then? Why are there sound interruptions?	The baby units may be out of range. Move the parent unit closer to the baby units (but not less than 3 feet).
	Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible.
Why does the parent unit beep?	The baby units may be out of range. Move the parent unit closer to the baby units (but not less than 3 feet).

The RBRC® seal

The RBRC® seal on the lithium-ion battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used lithium-ion batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1 (800) 8 BATTERY™** for information on Li-ion battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

FCC and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The baby unit shall be installed and used such that parts of all persons' body are maintained at a distance of approximately 8 in (20 cm) or more.

This Class B digital apparatus complies with Canadian requirement:
CAN ICES-3 (B)/NMB-3(B)

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

This product meets the applicable Industry Canada technical specifications.

RF radiation exposure statement

The baby unit complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The baby unit should be installed and operated with a minimum distance of 8 in (20 cm) between the baby unit and all persons' body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies also with Industry Canada RSS-102 with respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

Limited warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the Product and all accessories provided in the sales package ("Product") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to the repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without a valid proof of purchase (see item 2 on the next page); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

How do you get warranty service?

NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other limitations

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2409.75 - 2473.875 MHz Parent unit: 2409.75 -2473.875 MHz
Channels	24
LCD	2.8" Color LCD (QVGA 320x240 pixel)
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Parent unit: 3.7V Li-polymer battery Baby unit power adapter: Input: 100-240V AC 50/60Hz Output: 6V DC @ 1A Parent unit power adapter: Input: 100-120V AC 50/60Hz Output: 6V DC @ 800mA

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